

November 22, 2013

Ono Pharmaceutical Co.,Ltd

Corporate Communications

Phone: +81-6-6263-5670

**Approval for Additional Indication of Onoact[®] 50 for injection,
Short-Acting Selective β_1 Blocker in Japan**

Ono Pharmaceutical Co., Ltd. (Osaka, Japan, President and Representative Director: Gyo Sagara; “Ono”) announced today that an additional application filed for an already marketed product Onoact[®] 50 for injection (landiolol), the short-acting selective β_1 blocker injection drug, for a treatment of tachyarrhythmia (atrial fibrillation (AF) and atrial flutter (AFL)) in left ventricular (LV) dysfunction was approved in Japan on November 22, 2013.

Tachyarrhythmia (AF/AFL) is a form of arrhythmia which occurs with a high incidence in patients with LV dysfunction (heart failure) including cardiomyopathy and coronary artery disease. AF/AFL with LV dysfunction accompanying by persistent elevated heart rate would lead to further deterioration of cardiac performance. Swift rate control is inevitable to be restored from this detrimental condition, however, no drug on market can provide both the features of fast-acting and easy titratability for tachyarrhythmia (AF/AFL) with LV dysfunction.

Onoact[®] 50 for injection is the short-acting selective β_1 blocker which reduces heart rate by selectively blocking β_1 receptors located chiefly in the heart and this fast-acting drug can be easily titrated. We expect that Onoact[®] 50 for injection can contribute to promptly reducing heart rate without causing deterioration of cardiac performance in treatment of tachyarrhythmia (AF/AFL) with LV dysfunction.

This short-acting selective β_1 blocker drug was discovered and developed by ONO and has been widely used by many patients since its launch. The drug had firstly received approval for emergency treatment of intra-operative tachyarrhythmia (atrial fibrillation and flutter, and sinus tachycardia) in July 2002. Then, it had also been approved for additional indication of emergency treatment of post-operative tachyarrhythmia (atrial fibrillation and flutter, and sinus tachycardia) with monitoring of circulatory dynamics in October 2006.